

GEOPRIV Virtual Interim Meeting

May 2009

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RFC 3825 updates

- Lots of discussion, several existing drafts:
 - draft-thomson-geopriv-3825bis
 - draft-polk-geopriv-dhc-geoelement-shape-option
 - draft-polk-geopriv-3825-update
 - draft-tschofenig-geopriv-dhcp-circle
- Consensus at IETF 74 for backwards-compatible fixes
- Goal for today: Agree on (1) which changes should be included in a -bis draft, (2) -bis draft format

Agenda

- Correcting the EPSG number for WGS84
- Adding a DHCPv6 option
- Deprecating floors
- Signaling the use of uncertainty in place of resolution
- Other potential updates (time permitting)
- Draft structure
- Summary/next steps

Correcting EPSG number for WGS84

- Carl Reed indicated EPSG code for WGS84 3D is 4979, not 4327 as it appears in RFC 3825 - <http://www.ietf.org/mail-archive/web/geopriv/current/msg07156.html>

Adding a DHCPv6 option

- All recent drafts have included a v6 option

Deprecating floors

- List consensus against deprecating the floor altitude type

Signaling the use of uncertainty in place of resolution

- Existing agreement to add uncertainty
- To signal or not?
- Scenarios with/without signal:

With signal

Client	Server	Result
3825	3825	OK – No signal
3825	bis	Client rejects response
bis	3825	OK – Client can interpret
bis	bis	OK

Without signal

Client	Server	Result
3825	3825	OK
3825	bis	Client misinterprets
bis	3825	Client misinterprets
bis	bis	OK

Other updates

Draft structure

- List of changes (example: draft-ietf-sipping-update-pai) –or–
- Revision of current document (diff-able)

Summary/next steps